

1 **Table S1. N-terminal sequences of recently identified ABPs of oral streptococci matched to**
 2 **available protein sequences in NCBI (<http://www.ncbi.nlm.nih.gov/protein/>).**

Streptococcus strain	ABP (kDa)	N-terminal sequence	NCBI protein sequence match, Gene Description, Protein Accession
<i>S. cristatus</i> CR311	82	()E(Y)E(D)SDR()()L	NI
<i>S. cristatus</i> CR311	30	ENPINGGANT	α -amylase-binding protein AbpA [<i>Streptococcus cristatus</i> ATCC 51100] ZP_08060042
<i>S. salivarius</i> KBC05	29	DINGGANT(E)GA	α -amylase-binding protein AbpA [<i>Streptococcus salivarius</i> M18] EGX30989
<i>S. mitis</i> NCTC10712	20	DEATDAARNN	α -amylase binding protein AbpA [<i>Sreptococcus gordonii</i> Challis, substr. CH1] YP_001451353
<i>S. parasanguinis</i> MGH413	87	(D)EGFIIGRQLT (T)(I)LE(Q)(L)(Y)V SD	AbpB family dipeptidase lipoprotein [<i>Streptococcus parasanguinis</i> ATCC 15912] ZP_06899738.1
<i>S. parasanguinis</i> MGH	21	QGENPSSSNQ AVP(K)(D) (D)A	α -amylase-binding protein AbpA [<i>Streptococcus parasanguinis</i> ATCC 15912] ZP_06899569.1

3 (NI) – No information
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6 **Supplemental Figure Legends**

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9 **Figure S1. Ribbon structures of α -amylase-binding proteins.** (A) AbpA of *S. gordonii* and (B) AbpC
10 of *S. mitis*. AbpA and AbpC share no similarity in secondary structure as predicted by protein modeling
11 server JUFO 3D (<http://www.meilerlab.org/>) (54). This server offers a protein secondary structure
12 prediction from its primary sequence and a three dimensional model.

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14 **Figure S2.** Multiple sequence alignment of AbpA-like proteins from various oral streptococci.

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17 **Figure S3. Dotplot alignment.** AbpA of *S. gordonii* and AbpC of *S. mitis* showing similarity of the
18 amino-acids within the middle region of the proteins. (Geneious Basic 5.4.3 URL: www.geneious.com)

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20 **Figure S1.**

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A

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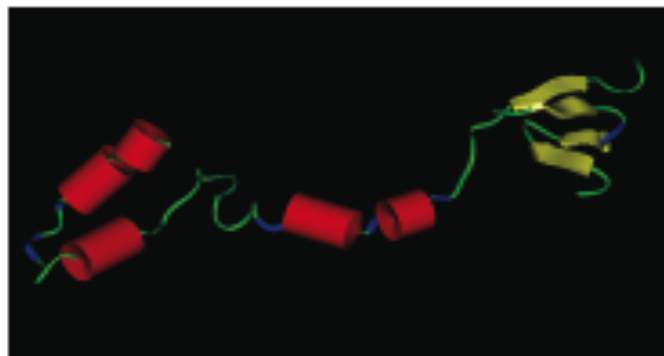
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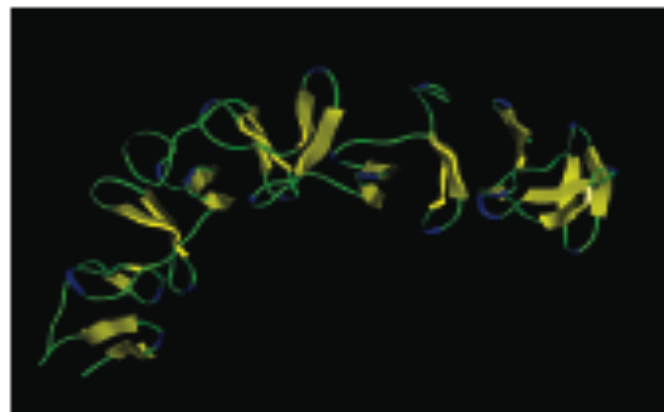


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B

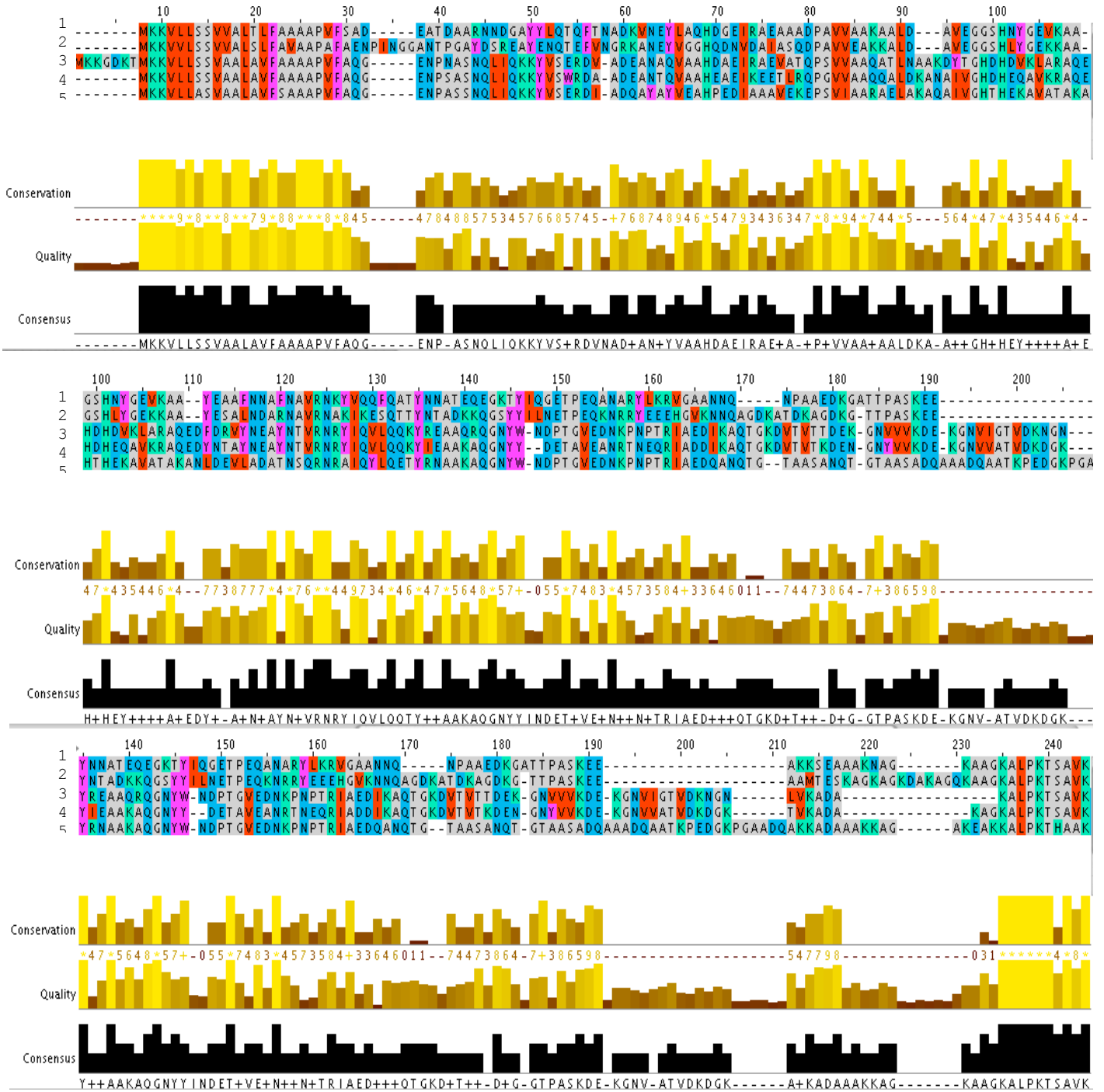
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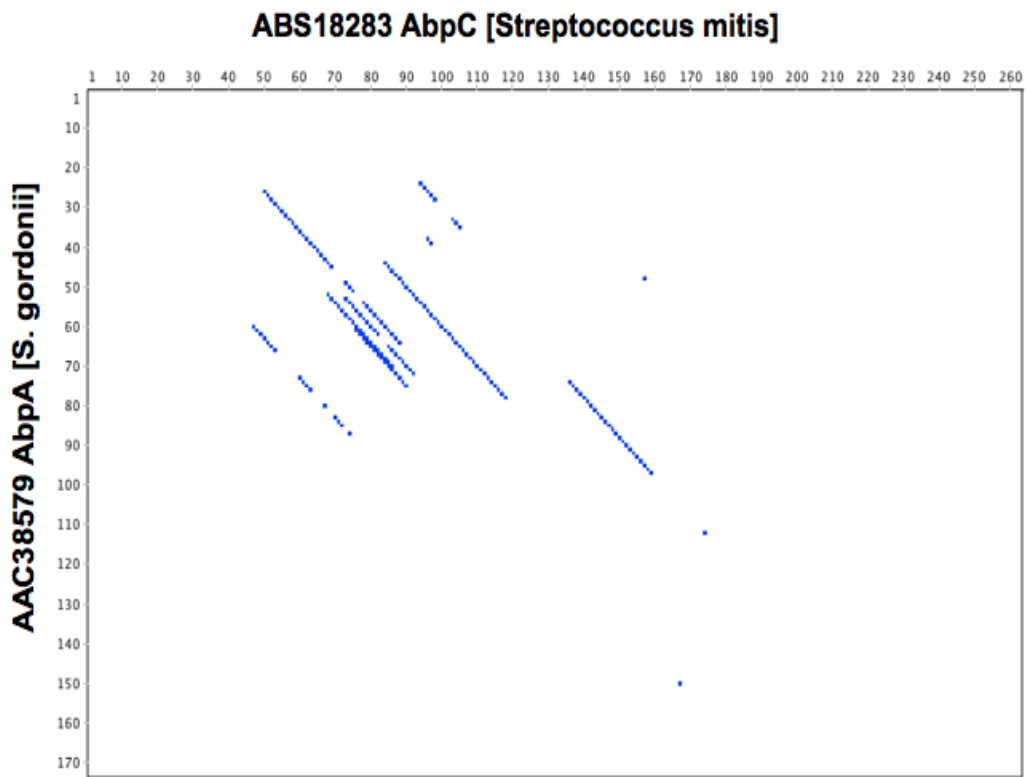
32 **Figure S2.**

- 33
 34 1) amylase-binding protein AbpA [*Streptococcus gordonii* str. Challis substr. CH1
 35 2) amylase-binding protein AbpA [*Streptococcus cristatus* ATCC 51100]
 36 3) amylase-binding protein AbpA [*Streptococcus australis* ATCC 700641]
 37 4) possible amylase-binding protein AbpA [*Streptococcus parasanguinis* ATCC 15912
 38 5) amylase-binding protein AbpA [*Streptococcus infantis* SK1302]
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41 **Figure S3.**

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Dotplot alignment of AbpA and AbpC amino acid sequences